## Bruhat Bangalore Mahanagara Palike
## Excecutive Engineer Yelahanka Zone Project Division

**Name of Work: Modified Estimate for Desilting of Drain and Removing and resetting Drains in ward no 5 surrounding area Byatarayanapura sub division**

| Sl No | Description of Items | No | Length | Width | Depth | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Removing & Refixing stone slabs of drains and pointing in C.M (1:3) (Page No 27., I.No.5.33 of KPWD S.R 2018-19). | | | | | | | | |
| | Quoted Rate | 116.81 | | | | | | | |
| | **Ward 05** | | | | | | | | |
| | Top Slabs | | | | | | | | |
| | **Vinayakanagara** | | | | | | | | |
| | Cross Road 1 | 2 | 49.00 | 0.90 | | 88.20 | | | |
| | Cross Road 2 | 2 | 54.00 | 0.90 | | 97.20 | | | |
| | Cross Road 3 | 2 | 39.00 | 0.90 | | 70.20 | | | |
| | Cross Road 4 | 2 | 48.00 | 0.90 | | 86.40 | | | |
| | Cross Road 5 | 2 | 34.00 | 0.90 | | 61.20 | | | |
| | Cross Road 6 | 2 | 64.00 | 0.90 | | 115.20 | | | |
| | Cross Road 7 | 2 | 29.00 | 0.90 | | 52.20 | | | |
| | Cross Road 8 | 2 | 52.00 | 0.90 | | 93.60 | | | |
| | Cross Road 9 | 2 | 77.00 | 0.90 | | 138.60 | | | |
| | Cross Road 10 | 2 | 8.00 | 0.90 | | 14.40 | | | |
| | Cross Road 11 | 2 | 13.00 | 0.90 | | 23.40 | | | |
| | Cross Road 12 | 2 | 32.00 | 0.90 | | 57.60 | | | |
| | Cross Road 13 | 2 | 15.00 | 0.90 | | 27.00 | | | |
| | **Dwarakanagara** | | | | | | | | |
| | Cross Road 1 | 2 | 39.00 | 0.90 | | 70.20 | | | |
| | Cross Road 2 | 2 | 35.00 | 0.90 | | 63.00 | | | |
| | Cross Road 3 | 2 | 13.00 | 0.90 | | 23.40 | | | |
| | Cross Road 4 | 2 | 73.00 | 0.90 | | 131.40 | | | |
| | Cross Road 5 | 2 | 23.00 | 0.90 | | 41.40 | | | |
| | Cross Road 6 | 2 | 59.00 | 0.90 | | 106.20 | | | |
| | Cross Road 7 | 2 | 11.00 | 0.90 | | 19.80 | | | |
| | Cross Road 8 | 2 | 9.00 | 0.90 | | 16.20 | | | |
| | Cross Road 9 | 2 | 18.00 | 0.90 | | 32.40 | | | |
| | Cross Road 10 | 2 | 5.00 | 0.90 | | 9.00 | | | |
| | Cross Road 11 | 2 | 3.00 | 0.90 | | 5.40 | | | |
| | **Kattigenahalli** | | | | | | | | |
| | Cross Road 1 | 2 | 41.00 | 0.90 | | 73.80 | | | |
| | Cross Road 2 | 2 | 22.00 | 0.90 | | 39.60 | | | |
| | Cross Road 3 | 2 | 3.00 | 0.90 | | 5.40 | | | |
| | **Niranthara Layout** | | | | | | | | |
| | Cross Road 1 | 2 | 32.00 | 0.90 | | 57.60 | | | |
| | Cross Road 2 | 2 | 26.00 | 0.90 | | 46.80 | | | |
| | Cross Road 3 | 2 | 32.00 | 0.90 | | 57.60 | | | |
| | Cross Road 4 | 2 | 98.00 | 0.90 | | 176.40 | | | |
| | Cross Road 5 | 2 | 57.00 | 0.90 | | 102.60 | | | |
| | Cross Road 6 | 2 | 12.00 | 0.90 | | 21.60 | | | |

| | Description of Items | No | Length | Width | Depth | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | Niranthara layout | | | | | | | | |
| | 2nd main | 2 | 64.00 | 0.90 | | 115.20 | | | |
| | 3rd main | 2 | 59.00 | 0.90 | | 106.20 | | | |
| | 4th main | 2 | 76.00 | 0.90 | | 136.80 | | | |
| | | | | | | **2383.20** | **Sqm** | **116.81** | **278381.5** |
| | | | | | | | | | |
| 2 | Earthwork in execavation for foundation of structure like culverts, retaining wall etc., as per drawing and technical specification, including setting out, construction of shoring and bracing, dressing of sides and bottom, back filling with approved material, disposal of balance earth as per specification, including cost of labour, HOM etc., complete. In all kinds of soil by manual means. (P.No.256, I.No.34.15.1 of PW,P&IWTD S.R 2018-19) | | | | | | | | |
| | Quoted Rate | 273.50 | | | | | | | |
| | **Desilting** | | | | | | | | |
| | **Ward 05** | | | | | | | | |
| | **Vinayakanagara** | | | | | | | | |
| | Cross Road 1 | 2 | 180.00 | 0.50 | 0.40 | 72.00 | | | |
| | Cross Road 2 | 2 | 301.00 | 0.50 | 0.40 | 120.40 | | | |
| | Cross Road 3 | 2 | 253.00 | 0.50 | 0.40 | 101.20 | | | |
| | Cross Road 4 | 2 | 540.00 | 0.50 | 0.40 | 216.00 | | | |
| | Cross Road 5 | 2 | 250.00 | 0.50 | 0.40 | 100.00 | | | |
| | Cross Road 6 | 2 | 461.00 | 0.50 | 0.40 | 184.40 | | | |
| | Cross Road 7 | 2 | 278.00 | 0.50 | 0.40 | 111.20 | | | |
| | Cross Road 8 | 2 | 470.00 | 0.50 | 0.40 | 188.00 | | | |
| | Cross Road 9 | 2 | 464.00 | 0.50 | 0.40 | 185.60 | | | |
| | Cross Road 10 | 2 | 34.00 | 0.50 | 0.40 | 13.60 | | | |
| | Cross Road 11 | 2 | 110.00 | 0.50 | 0.40 | 44.00 | | | |
| | Cross Road 12 | 2 | 50.00 | 0.50 | 0.40 | 20.00 | | | |
| | Cross Road 13 | 2 | 96.00 | 0.50 | 0.40 | 38.40 | | | |
| | **Dwarakanagara** | | | | | | | | |
| | Cross Road 1 | 2 | 213.00 | 0.50 | 0.40 | 85.20 | | | |
| | Cross Road 2 | 2 | 345.00 | 0.50 | 0.40 | 138.00 | | | |
| | Cross Road 3 | 2 | 49.00 | 0.50 | 0.40 | 19.60 | | | |
| | Cross Road 4 | 2 | 563.00 | 0.50 | 0.40 | 225.20 | | | |
| | Cross Road 5 | 2 | 278.00 | 0.50 | 0.40 | 111.20 | | | |
| | Cross Road 6 | 2 | 373.00 | 0.50 | 0.40 | 149.20 | | | |
| | Cross Road 7 | 2 | 72.00 | 0.50 | 0.40 | 28.80 | | | |
| | Cross Road 8 | 2 | 40.00 | 0.50 | 0.40 | 16.00 | | | |
| | Cross Road 9 | 2 | 131.00 | 0.50 | 0.40 | 52.40 | | | |
| | Cross Road 10 | 2 | 70.00 | 0.50 | 0.40 | 28.00 | | | |
| | Cross Road 11 | 2 | 75.00 | 0.50 | 0.40 | 30.00 | | | |
| | **Kattigenahalli** | | | | | | | | |
| | Cross Road 1 | 2 | 254.00 | 0.50 | 0.50 | 127.00 | | | |
| | Cross Road 2 | 2 | 120.00 | 0.50 | 0.50 | 60.00 | | | |
| | Cross Road 3 | 2 | 60.00 | 0.50 | 0.50 | 30.00 | | | |
| | **Niranthara Layout** | | | | | | | | |
| | Cross Road 1 | 2 | 233.00 | 0.50 | 0.50 | 116.50 | | | |
| | Cross Road 2 | 2 | 222.00 | 0.50 | 0.50 | 111.00 | | | |

| | Description of Items | No | Length | Width | Depth | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | Cross Road 3 | 2 | 200.00 | 0.50 | 0.40 | 80.00 | | | |
| | Cross Road 4 | 2 | 796.00 | 0.50 | 0.40 | 318.40 | | | |
| | Cross Road 5 | 2 | 403.00 | 0.50 | 0.40 | 161.20 | | | |
| | Cross Road 6 | 2 | 103.00 | 0.50 | 0.40 | 41.20 | | | |
| | **Agrahara layout** | | | | | | | | |
| | 2nd main | 2 | 440.00 | 0.50 | 0.40 | 176.00 | | | |
| | 3rd main | 2 | 399.00 | 0.50 | 0.40 | 159.60 | | | |
| | 4th main | 2 | 392.00 | 0.50 | 0.40 | 156.80 | | | |
| | | | | | | **3816.10** | | | |
| | | | | **Upto 125%** | | **1566.00** | **Cum** | **273.50** | **428301.00** |
| | | | | **Above 125%** | | **2250.10** | **Cum** | **273.50** | **615402.35** |
| 3 | Providing granite slabs of selected quality roughly dressed having a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete. I.No.5.31.1, Page no 27 | | | | | | | | |
| | Quoted Rate | 778.73 | | | | | | | |
| | **Missing/Damaged slabs** | | | | | | | | |
| | **Vinayakanagara** | | | | | | | | |
| | Cross Road 1 | 2 | 16.00 | 0.55 | | 17.60 | | | |
| | Cross Road 2 | 2 | 31.00 | 0.55 | | 34.10 | | | |
| | Cross Road 3 | 2 | 28.00 | 0.55 | | 30.80 | | | |
| | Cross Road 4 | 2 | 64.00 | 0.55 | | 70.40 | | | |
| | Cross Road 5 | 2 | 28.00 | 0.55 | | 30.80 | | | |
| | Cross Road 6 | 2 | 56.00 | 0.55 | | 61.60 | | | |
| | Cross Road 7 | 2 | 30.00 | 0.55 | | 33.00 | | | |
| | Cross Road 8 | 2 | 56.00 | 0.55 | | 61.60 | | | |
| | Cross Road 9 | 2 | 36.00 | 0.55 | | 39.60 | | | |
| | Cross Road 10 | 2 | 7.00 | 0.55 | | 7.70 | | | |
| | Cross Road 11 | 2 | 14.00 | 0.55 | | 15.40 | | | |
| | Cross Road 12 | 2 | 9.00 | 0.55 | | 9.90 | | | |
| | Cross Road 13 | 2 | 12.00 | 0.55 | | 13.20 | | | |
| | **Kattigenahalli** | | | | | | | | |
| | Cross Road 1 | 2 | 21.00 | 0.50 | | 21.00 | | | |
| | Cross Road 2 | 2 | 13.00 | 0.50 | | 13.00 | | | |
| | Cross Road 3 | 2 | 4.00 | 0.50 | | 4.00 | | | |
| | **Niranthara Layout** | | | | | | | | |
| | Cross Road 1 | 2 | 24.00 | 0.50 | | 24.00 | | | |
| | Cross Road 2 | 2 | 22.00 | 0.50 | | 22.00 | | | |
| | Cross Road 3 | 2 | 26.00 | 0.50 | | 26.00 | | | |
| | Cross Road 4 | 2 | 82.00 | 0.50 | | 82.00 | | | |
| | Cross Road 5 | 2 | 46.00 | 0.50 | | 46.00 | | | |
| | Cross Road 6 | 2 | 15.00 | 0.50 | | 15.00 | | | |
| | **Agrahara layout** | | | | | | | | |
| | 2nd main | 2 | 46.00 | 0.45 | | 41.40 | | | |
| | 3rd main | 2 | 31.00 | 0.45 | | 27.90 | | | |
| | 4th main | 2 | 35.00 | 0.45 | | 31.50 | | | |
| | | | | | | **779.50** | **Sqm** | **778.73** | **607020.04** |

| | Description of Items | No | Length | Width | Depth | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No-13,I No-4.6) | | | | | | | | |
| | Quoted Rate | 6031.81 | | | | | | | |
| | **For Flagging Course P.C.C** | | | | | | | | |
| | **Agrahara layout** | | | | | | | | |
| | 2nd main | 4 | 145.00 | 0.25 | 0.075 | 10.88 | | | |
| | 3rd main | 4 | 116.50 | 0.25 | 0.075 | 8.74 | | | |
| | **For Flagging Course Coping** | | | | | | | | |
| | **Agrahara layout** | | | | | | | | |
| | 2nd main | 4 | 145.00 | 0.20 | 0.05 | 5.80 | | | |
| | 2nd main | 4 | 116.50 | 0.20 | 0.05 | 4.66 | | | |
| | | | | | | **30.07** | **Cum** | **6031.81** | **181391.61** |
| 5 | KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 I.No.5.26.1, Page no 27 | | | | | | | | |
| | Basic rate | 1070.20 | | | | | | | |
| | **Flagging Course** | | | | | | | | |
| | **Agrahara layout** | | | | | | | | |
| | 2nd main | 4 | 145.00 | | 0.20 | 116.00 | | | |
| | 2nd main | 4 | 116.50 | | 0.20 | 93.20 | | | |
| | | | | | | **209.20** | **Sqm** | **1070.20** | **223885.84** |
| 6 | Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete, 10 cms thick. | | | | | | | | |
| | Quoted Rate | 1014.57 | | | | | | | |
| | **Ward 05** | | | | | | | | |
| | Top Slabs | | | | | | | | |
| | **Vinayakanagara** | | | | | | | | |
| | Cross Road 1 | 2 | 8.00 | 0.90 | | 14.40 | | | |
| | Cross Road 2 | 2 | 13.00 | 0.90 | | 23.40 | | | |
| | Cross Road 3 | 2 | 14.00 | 0.90 | | 25.20 | | | |
| | Cross Road 4 | 2 | 11.00 | 0.90 | | 19.80 | | | |
| | Cross Road 5 | 2 | 19.00 | 0.90 | | 34.20 | | | |
| | Cross Road 6 | 2 | 31.00 | 0.90 | | 55.80 | | | |
| | Cross Road 7 | 2 | 17.00 | 0.90 | | 30.60 | | | |
| | Cross Road 8 | 2 | 29.00 | 0.90 | | 52.20 | | | |
| | Cross Road 9 | 2 | 29.00 | 0.90 | | 52.20 | | | |
| | Cross Road 10 | 2 | 12.00 | 0.90 | | 21.60 | | | |
| | Cross Road 11 | 2 | 10.00 | 0.90 | | 18.00 | | | |
| | Cross Road 12 | 2 | 11.00 | 0.90 | | 19.80 | | | |

| | Description of Items | No | Length | Width | Depth | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | s Road 13 | 2 | 4.00 | 0.90 | | 7.20 | | | |
| | | | | | | **374.40** | **Sqm** | **1014.57** | **379855.01** |
| | Providing One line dressing to granite stone slab/ granite stone masonry as per speciication | | | | | | | | |
| | Quoted Rate | 997.89 | | | | | | | |
| | **Vinayakanagara** | | | | | | | | |
| | Cross Road 1 | 2 | 8.00 | 0.90 | | 14.40 | | | |
| | Cross Road 2 | 2 | 13.00 | 0.90 | | 23.40 | | | |
| | Cross Road 3 | 2 | 14.00 | 0.90 | | 25.20 | | | |
| | Cross Road 4 | 2 | 11.00 | 0.90 | | 19.80 | | | |
| | Cross Road 5 | 2 | 19.00 | 0.90 | | 34.20 | | | |
| | Cross Road 6 | 2 | 31.00 | 0.90 | | 55.80 | | | |
| | Cross Road 7 | 2 | 17.00 | 0.90 | | 30.60 | | | |
| | Cross Road 8 | 2 | 29.00 | 0.90 | | 52.20 | | | |
| | Cross Road 9 | 2 | 29.00 | 0.90 | | 52.20 | | | |
| | Cross Road 10 | 2 | 12.00 | 0.90 | | 21.60 | | | |
| | Cross Road 11 | 2 | 10.00 | 0.90 | | 18.00 | | | |
| | Cross Road 12 | 2 | 11.00 | 0.90 | | 19.80 | | | |
| | Cross Road 13 | 2 | 4.00 | 0.90 | | 7.20 | | | |
| | | | | | | **374.40** | **Sqm** | **997.89** | **373610.02** |
| 8 | Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. | | | | | | | | |
| | Quoted Rate | 2452.68 | | | | | | | |
| | **Dwarakanagara** | | | | | | | | |
| | Cross Road 1 | 2 | 35.00 | 0.90 | | 63.00 | | | |
| | Cross Road 2 | 2 | 67.00 | 0.90 | | 120.60 | | | |
| | **Agrahara layout** | | | | | | | | |
| | 2nd main | 2 | 136.00 | 0.90 | | 244.80 | | | |
| | 3rd main | 2 | 123.00 | 0.90 | | 221.40 | | | |
| | | | | | | **649.80** | **Sqm** | **2452.68** | **1593751.46** |
| | | | | | | | | **Total Construction Cost** | **4681598.91** |
| | | | | | | | | **Miscellaneous & Rounding off** | **3,134.50** |
| | | | | | | | | **GRAND TOTAL** | **4684733.42** |

**Technical Sanction**
**Accorded For** RS 4684733.42
**Head of A/C** 8054
**CER NO :** 01 **Dt:** 28/05/2020

JTA ICE (YNK)

Assistant Engineer,
Yelahanka Project Division,
BBMP Bangalore

Asst. Exec. Engineer,
Yelahanka Project Division,
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Executive Engineer, 26/5/2020
Yelahanka Project Division,
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